

LI: To identify 3D shapes, their faces, edges and vertices

Draw lines to match the question and answer.

What is a vertex on a 3D shape?

A face is an individual surface

What is a face on a 3D shape?

The edges are the lines where two faces meet
or a face and a curved surface.

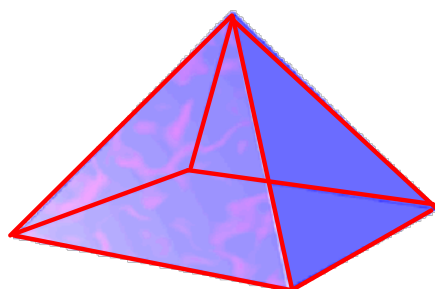
What is an edge on a 3D shape?

A vertex is where 2 or more edges meet.

Note - a cone has an apex not a vertex, because it has one curved surface.

Jun 17-11:40 am

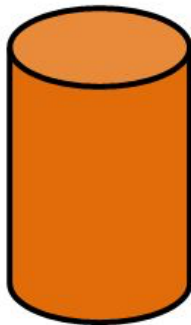
How many edges does this shape have?



*This is a square-based
pyramid.*

Jun 17-11:50 am

How many vertices does this shape have?
(corners)

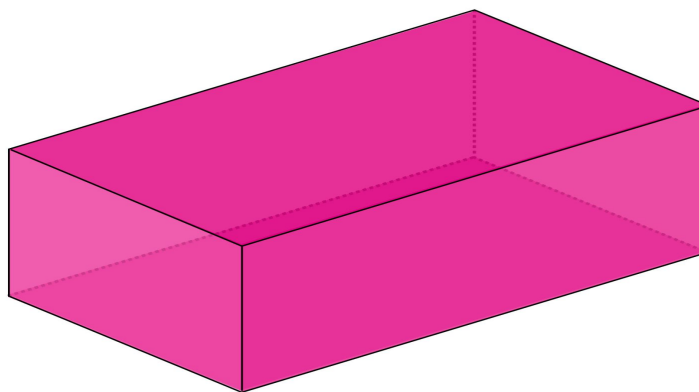


This is a cylinder.

Jun 17-11:50 am

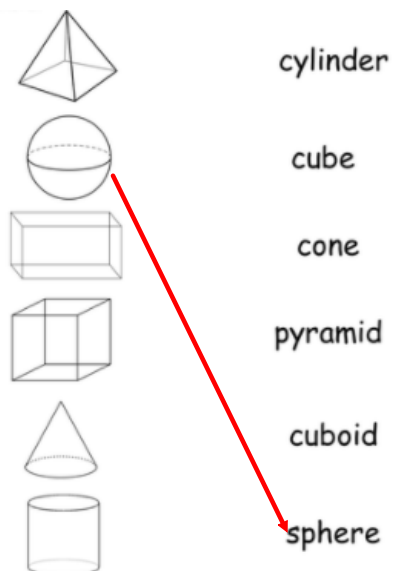
How many faces does this shape have?

This is a cuboid.



Jun 17-11:50 am

Draw lines to match the shape to its name.



Feb 23-12:17

Samir says my 3D shape has 6 faces.

Jolene says he must have a cube.

Is Jolene correct?

Explain your answer.

Could Samir's shape be something else?

Anna says my 3D shape has 12 edges.



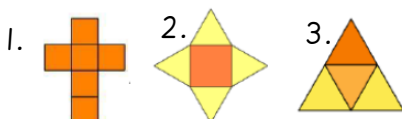
Lilly says she could have a cube, cuboid or square based pyramid.

Is Lilly correct?

Explain your answer.

Mar 1-10:10

Abigail is folding paper to make a 3D shape.



Work out the shapes she has made by looking at her folded papers.

Shape 1 is a ____

It has ____ faces.

Shape 2 is a ____

It has ____ faces.

Shape 3 is a ____

It has ____ faces.

Some shape names that might help!

Pick carefully!

square based pyramid

cylinder

cuboid

cube

triangle based pyramid

sphere




Mar 1-10:10

<https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/zgqpk2p>

Complete the table:



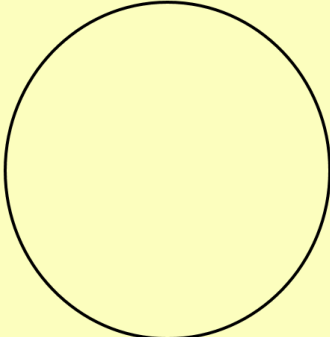
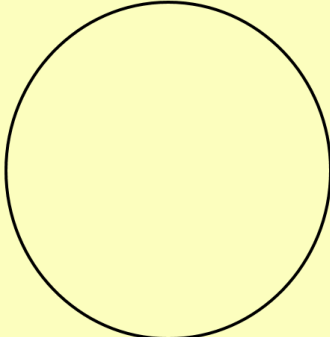
This link may help. Or type 3D shapes BBC bitesize into Google.

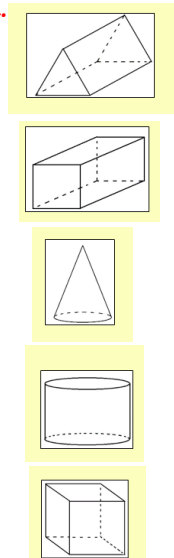
Shape	Name	Faces	Edges	Vertices
				
				
				

Mar 1-10:10

Draw lines from the shape to the correct circle.


Sorting 3D shapes

Circular faces	Square faces
	



Mar 1-10:18

Thank you, Year 2

 <https://www.bbc.co.uk/bitesize/topics/zjv39j6>

This site may be useful to you.

*If you can photograph any of your work, you can submit it to
KSIparents@epcollier.reading.sch.uk*

Please put your name and Mrs Yeandle in the subject bar.

Feb 23-13:22